

S-4608

NY-1900

The History of Czechoslovak Meteorology, by Jaroslav
Manak, 7 pp.

CZECH, per, Meteorologicke Zpravy, Vol XI, No 1,
Prague, 2 Feb 1958, pp 25, 26.

US JPRS/NY-L-472

ECur
Sci - Geophysics
Dec 58

70,501

Production and Export of Bulgarian Cigarettes, by V. M.
Manakhilov, N. Zlatkov, 9 pp.

BULGARIAN, per, Vneshna turgoviya, No. 10, Sofia, Oct (1971)
pp 16-19.

JPRS 27609

ESur-Bulg
Econ

272,300

Action of Sprays of Calcium Chloride Solutions on
Aqueous Mist, by V. A. Fedoseev, B. B. Kazhinsky,
B. A. Monakin, Z. M. Dorontisnova, 5 pp.

RUSSIAN, ^{for} bimo, Kolloid Zhur, Vol XIV, No 4,
(Jul-Aug), 1972, pp 274-278.

Consultants Bureau

9899

Scientific - Chemistry

Mar 54

CTS/DEX

Investigation of the Ammonia Process for
Removal of Nitrogen Oxides at Low Concentrations
from Gases, by M. L. Varlamov, G. A. Marakin,
et al, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI,
No 1, 1963, pp 8-145.

CB

S:1
Nov 63

243, 178

Purification of Exhaust Gases of the Tower Sulfuric
Acid System in Equipment of the Venturi-Tube Type,
by M. L. Varlamov, G. A. Manakin, Ya. I. Starosel'-
skiy, 8 pp.

RUSSIAN, ~~For~~, Zhur Prik Khim, Vol XXXI, No 2, 1958,
pp 178-185.

Consultants Bureau

Sci - Chem

Mar 59

84,116

Influence of the Operating Conditions of Gas
Lifters on Their Hydraulic Resistance, by
M. L. Varlanov, G. A. Manakin, Ya. I. Starosel'skiy,
7 pp

RUSSIAN, per, Zhur PrAk Khim, Vol XXXII, No 11,
1959, pp 2436-2442

CB

132,189

Oct 60

A Study of the Absorption of Nitrogen Oxides
by Soda Solutions in Gas-Lift Equipment, by
M. L. Varlamov, G. A. Manakin, Ya. I. Starosel'skiy;
5 pp

RUSSIAN, per, Zhur Prii Khim, Vol XXXII, No 11,
1959, pp 2443-2447

132, 190

CB

Oct 60

Supply of Nitrogen and Ash Elements with the Leaf-
Fall in the Forests of the Kola Peninsula
By K.N. Manakov, pp 5

RUSSIAN, per. Pochvovedeniye, No 4, 1962, pp 55-61

SCRIPTA TECHNICA

Sci

Oct 63

240-965

Synthesis of Substituted 1, 1-Dialkylsila-
cyclopentanes from Dialkyldichlorosilanes
and Styrenes, by O.N. Nefedov and M.N. Mam
kov, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 7, 1962, pp. 1228-1236.

CB

Sci

340,964

May 63

Addition of Dichlorocarbons to Some 1-Substituted
Cyclohexanes, by O. M. Nefedov and M. N. Marakov,
5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1962, pp 1242-1247

CB

Sci

May 63

342,728

61-10597

Manami, Hisashi and Nishizaki, Shunichiro.

PREPARATION OF ORGANOSILICON ISOCYANATES.

Rept. no. 1 of Studies on Organosilicon Isocyanates;

[Paper read] at the Annual Conference of Chemical

Society of Japan (no. 8) Apr 55. [1961] 14p. 7 refs.

Order from SLA ml\$2.40, ph\$3.30 61-10597

Trans. of Kogyo Kagaku Zasshi (Japan) 1958, v. 61,
no. 2, p. 214-217.

Organosilicon isocyanates, such as $(\text{CH}_3)_2\text{Si}(\text{NCO})_2$, $(\text{CH}_3)(\text{C}_6\text{H}_5)\text{Si}(\text{NCO})_2$, $(\text{CH}_3)_3\text{Si}(\text{NCO})$, $(\text{C}_6\text{H}_5)_2\text{Si}(\text{NCO})_2$, and $(\text{CH}_3)_2\text{SiCl}(\text{NCO})$, were synthesized from the corresponding chlorosilanes and AgNCO , $\text{Pb}(\text{NCO})_2$ and $\text{CO}(\text{NH}_2)_2$ (pressurizing method), and their physical constants were measured. From methyl chloropolysiloxanes of the type, $\text{Cl}[(\text{CH}_3)_2\text{SiO}]_n\text{Si}(\text{CH}_3)_2\text{Cl}$, we derived diisocyanates of the type, $(\text{NCO})[(\text{CH}_3)_2\text{SiO}]_n\text{Si}(\text{CH}_3)_2(\text{NCO})$, by a similar method. Of these, $n = 1, 2, 3$ were new compounds. In similar manner, reactions were conducted (Chemistry--Organic, TT, v. 5, no. 12) (over)

1. Cyanates--Synthesis
2. Silicon compounds(Or-
ganic)--Synthesis
- I. Manami, H.
- II. Nishizaki, S.
- III. Title: Studies ...
- IV. Title: Annual ...

Office of Technical Services

Sealed Sharp-Focusing Pulse x-Ray Tubes, by V. P.
Zgushin, M. A. Manakova, V. A. Tsukerman, 4 pp.

RUSSIAN, per, Pribury i Tekh Eksper, No 1,
1958, pp 84-87.

Instru Soc of Amer

Sci

Appl 60

113,527

(M-4717)

The Effect of Gibberellic Acid on the
Fertilization of Varieties of Grape Plants
Possessing a Functionally Female Type of Flower,
by M. K. Mamankov, 9 pp.

RUSSIAN, per, Fiziologiya Rasteniy, Vol VII,
No 3, 1960, pp 350-354.

JPRS 5860

Sci. - Biology

133,448

Nov 60

Solubility in the $\text{NH}_4\text{Br-KBr-H}_2\text{O}$ System, by P. S.
Bogoyavlenskiy, A. S. Manannikova, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 4, 1961,
pp 977-984.

Cleaver-Hume Press

Sci
Jun 62

200,415

The $\text{NaCl-NaHCO}_3\text{-H}_2\text{O}$ System (Carlsbad Salt) at
25 and 33 Degrees, by P. S. Bogoyavlensky, A. S.
Manannikova, 2 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII,
No 3, USSR, Mar 1955, pp 325-327. CIA D 270075

Consultants Bureau

Scientific - Chemistry
CTS 71/Aug 1955

25,997

**Ultraviolet Absorption in Polymers and Determination
of First and Second-Order Transition Temperatures:**
by R. Zannetti, P. Manaresi, L. Galati, 14pp
ITALIAN, per. in Chimica e Industria, Vol 44,
1962, No 10, pp 1114-1120

ACS, Prince and Lemon Streets
Lancaster, Penna.

Sch - Chem

June 67

P. Manaresi

329,420

Manaresi, Francesco.

IMPROVEMENTS IN APPARATUS FOR THE PREPARATION OF CONCENTRATED SOLUTIONS OF COFFEE AND OTHER PREPARATION OF SOLUBILIZED PRODUCTS. [1962] 5p.
Order from ATS \$8.00

ATS-17P63F

Trans. of French patent 1,271,806, filed 21 Sep 60.

DESCRIPTORS: *Coffee, Preparation, Food.

(Food, TT, v. 9, no. 1)

62-34204

- I. Manaresi, F.
- II. Patent (France) 1 271 806
- III. ATS-17P63F
- IV. Associated Technical Services, Inc.,
East Orange, N. J.

Office of Technical Services

Long-Range Development of the Food Industry,
[Czechoslovakia], by K. Rotovy, F. Manas, (Wk
Econ Rpt on Eastern Europe, 225).

CZECH, per, Planovane Hospodarstvi, Prague,
Sep 1958, pp 656-670.

CIA/FID Sum 1996

EEUR - Czechoslovakia
Econ
Dec 1958

71, 204

Potato Yields of the Food Industry (Czechoslovakia)
by Frantisek Hasek. (Wk Econ Rpt on EUR, 229).

CZECH, per, Hospodarske Noviny, Prague, 17 Aug 1956,
p 5.

CIA/FDD Sum 2031

EUR - Czechoslovakia

Econ.

Dec 58

78,497

Method for Simultaneous Summation of
Several binary Numbers, by V. I. Manayenkov.
RUSSIAN, Por, Patent 163812, 15 Apr 63, 1 p.
*FTD HT 23-438-67

97

V. I. Manayenkov

Math
May 67

101
Method for Simultaneous Summation of Binary
Numbers, by V. I. Manayenkov, 2 pp.
RUSSIAN, Patent 163812 (830810/26-24), Class
42a, 14, p 1. F100208168
FTD-HT-2-833-67

V. I. Manayenkov
Sci/Math Sci
Sept 68

Sci. 646

On the Simultaneous Detection of a Signal
and Interference With Amplitude and Phase
Detectors Operating Under Conditions of
Linear, Inertia-Less Detection, by E. I.
Manayev, 22 pp. (AF 633636)

RUSSIAN, bino per, Radiotekhnika, Vol IX,
No 3, May/Jun 1954, pp 19-32.

RT-3956
ATTC F-TS-8441/V

D.S.J. 1258

SCI - Electronics
Feb 1957 CTS/dex

44, 359

Myocardial From Maps, by G. March, 82 pp.

TESTES, per, Arch Ital Anat Histol Patol, Vol III,
1932, pp 707-717.

WIE 12-23

Sid. Medicine
JUN 60

SLA: 60-13092

105, 3/5

Manche, H.
NOTE ON THE DURATION OF VIBRATION OF CON-
CRETE. [1961] 7p.
Order from SLA \$1.10

61-18996

Trans. of Revue des Matériaux de Construction et de
Travaux Publics. [Édition C] (France) 1950, no. 415,
p. 115-150.

DESCRIPTIONS: *Concrete, Vibration, Mechanical
properties.

This paper is a report on the results of experiments
carried out to determine the most advantageous
duration of vibration of concrete, i.e., the duration of
compacting by vibration which is necessary and suf-
ficient to ensure the maximum strength of concrete
made under the conditions outlined in the paper. These
(Materials, TT, v. 7, no. 7) (over)

61-18996

I. Manche, H.

197178

Office of Technical Services

(DC-2995).

Crossing the Border of the Country Without
Permission or at Points Other Than Those Specified
for This Purpose -- Article 275 of the Penal Code,
by Nikola Manchev, 12 pp.

BULGARIAN, per, Sotsialistichsko Pravo, No 2,
1959, Sofia, pp 16-24.

JPRS-L-1851-D

EDir - Bulgaria

96, 320

Sep 59

The Photoreactions of Organic Compounds of Mercury in
Solutions. X. The Reactions of Dimethylmercury, by
G.A. Razuvaev, Yu. A. Oldekop, and Z.N. Manchinova,
4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,
USSR, Mar 1952, pp 480-484.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7511

Univalent Iron, Cobalt and Nickel, by Manchot,
7 pp.

GERMAN, per, Ber, Vol LIXB, 1926, pp 2447-2453.
(excerpts).

~~SL~~ATR 2652

Sci - Min/Met
Oct 57

54,116

Copper Compounds of Ethylene and Carbon Monoxide, ⁷⁹
by W. Manhot, et al.
GERMAN, ver. Ann. Chem., Vol 370, 1909, pp 286-296.
*AEC ORNL-tr-1346

W. MANHOT

Sci/Chemistry
Oct 66

on the Cyano-Compounds of Carbon Monoxide, by 50
H. Manchot, J. Reuter and J. Reuter,
Z. anorg. u. allg. Chem., vol. 250, 1948,
100-128. (11105780)
1948-1949-1949

H. Manchot

1948-1949-1949
1948-1949-1949

111,028

of Copper Compounds of Carbon Monoxide, of
W. Manchat, et al.
Chim. Ber., Ann. Chem., Vol 339, 1908,
p. 100-124.
* Doc 6111-tr-1345

50

W. Manchat

Sci. Chemistry
Doc 66

The Dissociation Equilibrium of Ferrous-Nitric Oxide
Salts, by W. Manchot.

GERMAN, per, Zeitschrift fuer Anorganische und Allgemeine
Chemie, Vol CXXXIX - CXLII, 1924 - 25, pp 22 - 36.

AEC Tr 417

Vol. A 2841

Sci - Chemistry

May 1951 CTS

A 7557

A New Type of Radiosonde for Registration of
Atmospheric Temperature, Humidity and Pressure
Gradients, by M. Grossi, M. Mancianti, 19 pp,
(AF 25126). UNCLASSIFIED

ITALIAN, per, L'Aerotecnica, Vol XXX, No 3, Jun 1950,
pp 132 - 137.

AMC F-TS-7511

Scientific - Geophysics, Meteorology

A - 3637

CIA 686018

Nov 1951 CTS

67
Electronic Servomanipulator "Mascot I"
of C.H.B.M., by C. Mancine, F. Roncaglia.
ITALIAN, per, Alta Frequenza, Vol 32,
No 6, 1968, pp. 379-82.
NTC 69-11662-09E

C. Mancine

Sci-Earth Sci
July 69

386,653

The Party and Roman Catholics by Mario
Mancinelli, 5 pp.

ITALIAN, np, l'Unita, 17 Oct 1962; p 11.

JPRS 16168

WBr - Italy
Pol.
Nov 62

217,498

Comparative Study of the S^{35} Incorporation by
Adult Rat Tissues, as Sodium Sulfate and as
Methionine- S^{35} , by C. Munez, R. E. Mancini.

SPANISH, paper, P/1032, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol XII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52, 167

S35 Incorporation as Sodium Sulfate in Different
Animal Tissues; by C Euse, R. E. Mancini.

SPANISH, paper, P/1031, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol XII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,166

Uptake of Radioactive Sulfur (S^{35}) by the
Mucopolysaccharides of Adult and Embryonic
Connective Tissue and of Tissue Cultures, by
C. Nuñez, R. E. Mancini, 27 pp.

SPANISH, no per, Revista de la Sociedad Argentina
de Biología, Vol XXXI, No 7, 8, Oct/Nov 1955,
pp 222-241.

NIH Tr No 1-6

Sci - Biology
Feb 1957 CTS/dax

43,518

Peroxidases of the Normal and Stimulated
Thyroid, by M. P. Villamil and R. E. Mancini,
10 pp.

SPANISH, per, Rev Soc Arg Biol Vol XXIII,
1947, pp 219-225.

SLA 57-3482

Sci

Aug 58

72,812

Benzidine Reaction for Frozen Sections of Fresh
Tissue, by Mario F. Villamil, Roberto E. Mancini,
5 pp.

Full translation.

SPANISH, per, Revista de la Sociedad Argentina de
Biologia, Vol XXIII, No 2, Dec 1947, pp 215-218.

NIH

Scientific - Medicine

JUL 53 CTS

4036

~~3866~~

(FDD 23173)

Tisa Plain, by Stefan Manciulea, 103 pp.

RUMANIAN, yearbook, Buletinul Societatii Regale
Romane de Geografie, Vol LVII, Bucharest, 1938,
pp 66-148.

KBur - Rumania

Geo -

CIA/FDD/U-6882

Copyright

CTE 65/Feb 55

22,674

(R1-0000)

Invariance Principle in Control Theory,
by Krzysztof Manozak, 10 pp.

PC1131, per, Archiwum Automatyki i
Telemechaniki, Vol. VI. No 2/3, 1961,
pp 195-202.

JPRS 11299

Sci - Phys
Dec 61

/76, 76 2

(NY-6668)

Problems of Peak-Holding (Extremal) Control Systems, by Kazimierz Manczak, 12 pp.

POLISH, per, Archiwum Automatyki i
Telemechaniki, Vol VI, No 2/3, 1961.
pp. 317-326.

JPRS 11299

Sci - Phys
Dec 61

176, 960

The Doppler Effect in Ionospheric Propagation,
by S. Borowski, S. Jasinski, S. Manazarski. UNCL

GERMAN, per, Arch Elektrotech, Vol V, No 2,
1956, pp 343-353.

RAE 793

Sci - Geophys
Jun 59

89, 767

NSA: Reimbursable

New Problems for Radio Communication in Space, by
Stefan Maczarak. (BG-8632) 22 pp

POLISH, per, Przegląd Telekomunikacyjny, Vol XXV,
No 3, Warsaw, 1963, pp 73-80.

JPRS/Special

Sci - Electron

May 63

231834

CENIA Experts Discuss Mechanization and Automation
of Accounting Work, by Ivan Mandadzhiev, 10 pp.

BULGARIAN, per, Finansni i kredit, No. 8, Sofia,
1964, pp 37-43.

JPRS 27609

EUR-Bulg
Econ

³
272,291

63-14155

Mandai, Hikojiro.
REACTIONS IN THE CARBONATING TOWER OF THE
AMMONIA-SODA PROCESS, PT. 1. [1963] 5p. (figs.
tables omitted). 3 refs.
Order from SLA \$1.10

1. Mandai, H.

63-14155

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1949, v. 52,
p. 171-173.

DESCRIPTORS: Chemical reactions, *Towers
(Chemistry), *Carbonates, *Ammonia, *Ammonium
radicals, *Sodium compounds, Chlorides, Chemical
indicators.

(Engineering--Chemical, TT, v. 10, no. 4)

Office of Technical Services

Mandai, Hikojiro.
REACTION IN THE CARBONATING TOWER OF
AMMONIA-SODA PROCESS, PTS. III-IV. [1963] 13p.
(figs. tables omitted) 3 refs.
Order from SLA \$1.60

63-14156

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1949, v. 52,
p. 267-273.

DESCRIPTORS: Chemical reactions, *Towers
(Chemistry), *Carbonates, *Carbamates, Phase
studies, *Ammonia, *Ammonium radicals, *Sodium
compounds, Chlorides.

(See also 63-14155)

(Engineering--Chemical, TT, v. 10, no. 4)

63-14156

1. Mandai, H.

Office of Technical Services

A Continuous Process for Gas Reaction,
by Shoichi Ogasawara, Yoshio Mandome,
Kazuo Watanabe, Eiichi Akashi, Yoshiko
Kobayashi, 12 pp.
Mitsubishi, patent, 1970/1963, 1960.
SA Code-P-372

Yoshio Mandome

338,769

Del
Aug 67

On the Development of the Naval Art, by Theodore
Mandell, 14 pp.

~~WISSE~~, ~~nr~~, Przegląd Moraki, Jun 1961, pp. 1-2

JPRS 10623

UBER

174, 103

497

Nov 6.

Friction Welding, by J. Mandaus, J. Voboril, 25 pp.

CZECH, per Strojirenstvi, Vol VII, No 9,
1957, pp 681-686.

JPRS DC-5263

EE - Czechoslovakia

Econ

Feb 61

139,318

A Light-Draft Hydrofoil Passenger Motorship,
by A. Z. Mandal', 8 pp.

RUSSIAN, per, Sudostroyeniye, No 8, 1962, 1-3.
PP 1-3.

JPRS 16142

USCR
Moon
Nov 62

DEB T. 310.1

217,384

128
Simplification of Payment Procedures Between
Countries of the Socialist Camp, by Augustin
Isandol. (UK Econ Rpt on EUR, 221).

128,
CZECH, par, Finance a Uver, No 4, Prague, 1958,
pp 224-225.

CIA/FID Bur 1969

EUR - Czechoslovakia
Econ
Oct 58

75.669

20 Years of Spring Spike, Rūping System, by
G. Mandel.

GERMAN, per, Glasers Ann, Vol LXXIX, 1955,
pp 336-338.

INSDOC-T2055

Sci

Aug 58

72,376

La Centrale Nucleaire R.W.E. A. Kahl. (The R.W.E.
Nuclear Power Plant at Kahl), by H. Mandel, 11 pp.

FRENCH from GERMAN, per, Atomwirtschaft, Vol II,
1957, pp 253-255.

Reverse Translation
AEC/CEA-Tr-A510

(SF-1857)

ECONOMIC PROBLEMS IN THE ELECTRIFICATION OF
POLAND, BY J. MANDEL, 8 PP.

POLISH, PRZEGLAD ELEKTROTECHNICZNY, VOL XXXVII,
NO 12, 1961, PP 483-485.

JPRS 13814

EUR - POLAND
ECON
MAY 62

197,369

(NY-3754)

SETEE

Technical Data on Public Utility Power Plants of
Over 10 Megawatts, by Jakob Mandel, 27 pp.

POLISH, per, Przegląd Elektrotechniczny, Vol XXXV,
No 11, Warsaw, 1959, pp 442-451.

JPRS 2889

EEur .. Poland

Econ .. Fuel, Power

Jul 60

120,753

Modern Methods for Processing of USSR Native
Potassium Salts, by R. A. Mandel, 12 pp

RUSSIAN, per, Zhur Prii Khim, Vol XXXV, No 1.
1962, pp 3-17.

CB

See

Doc 68

234,114

(10-6604)

New Machinery for the Production of Best Mineral
Ammonia Fertilizers, by A. I. ~~Kondalibum~~, 7 pp.

RUSSIAN, pp, Tsvetnyaya Press, No 4, 1961,
pp 12-15.

JPSS 13624

193,595

USSR
Econ
May 62

SHULYATIKOVA, N.V.
MANDELBAUM, D.I.

THE FRACTIONATION OF CELLULOSE FROM CUPRAMMONIUM
SOLUTIONS, 10 pp.

RUSSIAN, Zhur Prik Khim, Vol. XXIV, No #3, Mar 1951

Consultants Bureau Translation

A 1558

Organic Insectofungicides. XXXI. A New Method
for the Synthesis of Preparing Mixed Esters
of Thiophosphoric Acid, *Zh. N. Mal'nikov, Ye
A. Mandel'shtam and V. I. Lomskina, 3 pp.*

RUSSIAN, *per, Zhur Obshch Khim, Vol XXVIII,
No 2, 1958, pp 476-478.*

Consultants Bureau,

Sci - Chem

Apr 59

85,684

Organic Insectofungicides. LXXI. The Reaction of
Aryl Dichlorothiophosphates with Magnesium Ethylate,
by Ya. A. Mandel'sbaum, N. N. Mel'nikov, Z. M.
Bakanova, 3 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No 1, 1960,
pp 194-195.

CB

Sci

144,118

Feb 61

From the Field of Organic Insectofungicides. XXXIV,
New Method of Synthesis of Trialkyl Phosphites, by
N. N. Mel'nikov, Ya. A. Mandel'baum, Z. M. Bakanova,
3 pp.

RUSSIAN, per; Zhur Obshch Khim, Vol XXVIII, No 9,
1958, pp 2473-2474.

CB

Sci + Chem
Oct 59

100,094

From the Field of Organic Insectofungicides. XXXVIII.
The Reaction of Thiophosphoryl Chloride and
Alkyl Dichlorothiophosphates With Alcohols, by N. B.
Melnikov, Ya. A. Mandel'baum, P. G. Zaks, 6 pp.

RUSSIAN, per, Zhur Obshchey Khim USSR, Vol XXIX, No 2,
1958, pp 522-526.

ATS-66L3LR

Sci - Chem
Dec 59
Vol 2, No 4

102, 754

From the Field of Organic Insectofungicides XXXVII
The Synthesis of Some Mixed Esters of Thio- and
Dithiophosphoric Acids, by Ya. A. Mandel'baum,
N. H. Mal'nikov, P. G. Zaks, 3 pp.

RUSSIAN, *Izv. Akad. Nauk SSSR Khim.*, Vol XXIX, No 1,
1959, pp 283-284.

Consultants Bureau

Sci

Mar 60

110,675

The Preparation of Phosphorus Thiotrichloride, by
N. N. Mel'nikov, Ya. A. Mandel'baum, V. R. Volkov,
3 pp. N.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 6, 1958,
pp 938-940.

Consultants Bureau

Sci - Chem

Jun 59

89,660

Organic Insecticides. XVIII. Synthesis
of Some Derivatives of Dimethylphosphono-
propionic, Butyric, and Valeric Acids, by
N. N. Mal'mikov, Ye. A. Kuznetsov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 3, 1961, pp 849-851.

CB

Sci

May 62

195,317

From the Field of Organic Insectofungicides. XXXVIII.
The Reaction of Thiophosphoryl Chloride and Alkyl
Dichlorothiophosphates With Alcohols, by N. H.
Mel'nikov, Ya. A. Mandel'shtam, P. G. Zaks, 6 pp.

RUSSIAN, per, Zhur Obshehay Khim, Vol XXIX, No 2,
1958, pp 522-526.

ATS 66L3LR

Sci - Chemistry
Nov 59

103,282

Preparation of Dialkyl Chlorothiophosphates, by
N. N. Mel'nikov, Ya. A. Mandel'baum.

RUSSIAN, per, from Symposium: 'Trans First Conf at
Kazan The Chemistry and Uses of Organophosphorus
Compounds", 8-10 Dec 1955, Publ Acad Sci USSR,
Moscow, 1957, pp 185-193.

ATS RJ-1224

Sci - Chem
Apr 60

114,555

Organic Insectofungicides. XII. ² Synthesis
of Mixed Esters of Phosphoric and Thio-
phosphoric Acids, by Ya. A. Mangelbaum,
I. L. Vladimirova, N. N. Melnikov, 4 pp.

UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII,
No 3, Mar 1953, pp 429-432.

Consultants Bureau

Scientific - Chemistry

13,229

Organic Insectofungicides. XIII. ~~Some~~ Synthesis
of Mixed Esters of Phosphoric and Thiophosphoric
Acids Containing the Simplest Substituents in the
Aliphatic Radical, by M. L. Galashina, I. L.
Vladimirova, Ya. A. Mandelbaum, N. N. Malnikov,
4 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obabch Khim, Vol XXIII, No 3,
Mar 1953, pp 433-434.

Consultants Bureau

Scientific - Chemistry

13,230

The Field of Organic Insectofungicides. XLV.
Synthesis of Alkyl Aryl Chlorothiophosphates
and Alkyl Aryl Thiophosphamides, by N. N.
Mel'nikov, Ya. A. Mandel'baum, Z. M. Bakanova,
F. G. Zaks, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3286-3288.

CB

Sci

Oct 60

1301605

The Field of Organic Insectofungicides. XLVI.
Synthesis of Some Phosphoric Acid
Derivatives, by N. N. Mel'nikov, Ya. A.
Mandel'baum, V. I. Lomakina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3289, 3290.

CB

Sci

Oct 60

130,606

Organic Insectofungicides. LXII. Synthesis of Some
Phosphinic Acid Derivatives, by N.H. Mel'nikov,
Ya. A. Mandel'shtam, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,
1961, pp 3953-3954.

CB

Sci

4

Oct 62

217,8150

R-4104-D

Amides of Acids as Repellent, by Ya. A. Mandel'-
baum, et al.

RUSSIAN, UNKNOWN, pp 151-153.

*JPRS/USDA

Sci-Chem

May 64

Organic Insectofungicides. LXII. Synthesis of Some
New Derivatives of Phosphonoacetic Acid, by
N.N. Mel'nikov, Ya. A. Mandel'sbaum, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,
1961, pp 3949-3952.

CB

Sci

214,859

Oct 62

(FDD 28585)

From the Field of Organic Insectofungicides,
XVIII, New Method for the Preparation of the
Esters of Chloro- and Dichloro-Thiophosphoric
Acids, by Z. M. Bakanova, Ya. A. Mandel'baum,
N. N. Mel'nikov, Ye. I. Sventsitskiy, 5 pp.
RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 2, Moscow// Leningrad, Feb 1956, pp 494, 495.

CIA/FDD U-8893

39,639

USSR

Sci - Chemistry

Oct 56

From the Field of Organic Insectofungicides.
XXII. The Reaction of Dialkyl Chlorothio-
phosphates With p-Nitrophenol in the Presence
of Pyridine Hydrochloride, by A. M. Bakanova,
Ya. V. Mandel'baum, N. N. Mel'nikov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 9,
1956, pp 2575-2577.

Assoc Tech Sv

54,681

Sci - Chemistry

Organic Insectofungicides. XXIII. Preparation of
Dialkyl Chlorothiophosphates, by N. N. Melnikov, Ya.
A. Mandelbaum, V. I. Lomakina, Z. M. Bakanova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9,
Sep 1956, pp ~~2577~~ 2577, 2578.

Consultants Bureau

Sci - Chemistry
Feb 58

58,960

From the Field of Organic Insecticides
and Fungicides. / XXVII. A New Method for
the Preparation of Esters of Chlorothio-
phosphoric Acid, by N. N. Mel'nikov, Y. A.
Mandel'baum, E. I. Sventsitskiy and Z. M.
Bakanova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 7, 1957, pp 1908-1910.

Assoc Tech Serv

62J18R

72,435

Sci - Aug 58

Purification of Waste Liquors in the Production of Thiophos, by N. N. Mel'nikov, Ya. A. Mandel'baum, 4 pp.

RUSSIAN, monograph, *Organicheskiye Insektotsigitsidy i Gerbitsidy*, 1958, pp 60-65.

ATS-29N42R

Sol
Vol IV, No 7
Apr 62

1902, 651

4

Studies on Organic Insectofungicides. XXVII.
New Method of Obtaining Chlorothiophosphoric Acid
Esters, by N. N. Melnikov, Ya. A. Mandelbaum,
E. Svetsitskiy, A. M. Bakanova, 3 PP.

2
RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,
1957, pp 1908, 1909.

Consultants Bureau

Sci - Chem
Oct 58

74, 2 7

On Luminescent Decorative Painting, by A. M.
Mandel'berg, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXI, No 5, 1957, pp 774-778.

Columbia Tech

Sci - Phys

Aug 58

71, 816

High-Frequency Circuit for Studies in Physical
Chemistry and Its Application, by V. A. Zarinskiy,
I. R. Mandel'berg, 10 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 2, 1958,
pp 148-153.

CIA/FDD XX-463

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics, Chemistry
Sep 59

98,057

USIB INTERNAL USE ONLY

Cover from LC on SLA 59-15030

High-Frequency Telemetry, by V. A. Zarinoviy and I.
R. Mandelberg, 16 pp.

RUSSIAN, paper, Engd Lab, Vol XXII, No 3, 1956,
pp 262-270.

SLA R-2081

Sci

Aug 58

71, 144

~~Spiral~~ Spiral Welds made from both Sides in the Production of 529-630 mm dia. Gas and Oil Piping, by S.L. Mandel'berg, V.E. Lopata, et al, 6 pp.

RUSSIAN, per, Avtomat Svarka, No 10, Oct, 1963, pp 63-70.

British Welding Res. Assoc.

Sci

May 64

.359,315

Effects of welding circuit magnetic fields on the
shape of welds deposited within tubes, by
S. I. Mandel'berg and V. E. Lopata, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 3, 1962, pp 1-6.

BWRA

Sci

Feb 63

234, 031

Weldability of 30KhSNVFA Hardening Sheet
Steel in Double and Single-Sided, Double-
pass Argon-Shielded Arc Welding, by
S. L. Mandel'berg, V. G. Gordonnyy, 7 pp.

RUSSIAN, per, Avtomaticheskaya Svarka,
No 5, 1962, # 9682738

PTD-TT-62-1247

Sci-Engr
May 63

229,525

Alloy Steel Sheet Welded in Two Runs From One
Side by Argon Tunsten-Arc Process, by S. L.
Mandel'berg, V. G. Gordonnyy, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 9, 1961,
pp 68-73.

BWRA

Sci
STp 62

210,608

Magnetic control of the arc in submerged arc welding
of steel.

By S. L. Mandel'berg pp. 8

RUSSIAN, per, Avtomat Svarka, No 9, 1962, pp 3 - 12

BWRA

340,531

Sol.

Aug 63

Formation of Hot Cracks in Butt Welds With
Extension Tabs, by S. L. Mandel'berg, O.S. Zabarilo,

RUSSIAN, per, Avtomat Svarka, Vol VII, No 6, 1954,
pp 29-32.

27,850

Brutcher Tr 3550

Scientific - Min/Metals Oct 55 CTS

Use of Tagged Atom Method in Study of the Stability
of Dusts of Phosphorus-Organic Insecticides, by
K. A. Gar, N. E. Mel'nikov, Ya. A. Mandel'baum, V. I.
Chernetsova, K. D. Shvetsova-Shilovskaya.

thrice-mo

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 4,
1 Feb 1954, pp 729-732. CIA 9012865

USDA

Sci - Biol

53,798

Oct 58